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REPORTS Leningrad HAS NO CHEMICAL GLASSWARE PLANT;
PUSH WORK ON WEIGHTLESS MASTER SCALE

HII THERMOMETER, AREOMETER SHORTAGE -- Leningradskaya Pravda, 26 Aug 50

Letter to the Editor

I work in the vacuum shop at the Leningrad Elektrodelo Plant. In the course of my work, I often have occasion to see representatives of plants, institutes, and other organizations who come to the shop to place orders for manufacture of glass measuring apparatus. At present, there is no glass-blowing plant in Leningrad which specializes in chemical measuring apparatus, thermometers, and areometers. There is a great demand for such items.

The Druzhnaya gorka Plant of the Ministry of Machine and Instrument Building makes a few types of glass measuring articles, but it falls far short of satisfying the requirements of Leningrad industry. Some institutes have small-scale plants for making such items, but these can supply only their own institutes. They do not accept orders from other organizations.

As a result, many Leningrad laboratories are actually deprived of any means of getting thermometers, areometers, and chemical measuring apparatus. -- A. Pal'man

DEVELOPS MASTER SCALES WITHOUT WEIGHTS -- Riga, Sovetskaya Latvija, 23 Aug 50

Output from the Riga Etalon Experimental Precision Instruments Plant is distributed over the entire Soviet Union. The plant makes standard test μ g scales of high accuracy, and complex apparatus for seismographic stations.

A new item is now being worked out: master scale weights of first-class accuracy, made of stainless steel. The steel maintains to the highest extent the constant weight necessary for measuring instruments.

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Work is being persistently done on the development of master scales without weights, to be used for checking large-capacity commercial scales. To check such scales under present conditions, it is necessary to load them to full capacity with precision weights.

The plant has pledged to fulfill the annual plan in gross output by 7 November, and in commercial output by the anniversary of the Stalin Constitution.

NEW METHOD SAVES NONFERROUS METALS -- Kiev, Pravda Ukrainy, 26 Aug 50

Many persons at the Kiev Checking and Measuring Instruments Plant of the Main Administration of Food-Machine Building have been working for some time on their 1951 plan. The tool shop has been doing especially good work.

A suggestion by a tool maker and fitter has made it possible to replace cast brass on a certain part with stamped sheet steel. Another worker made a suggestion for simplifying the production of rules for measuring the depth of alcohol in railroad tank cars. The new method will save 30,000 rubles per year. A third suggestion was for a simplified bracket for holding one of the instruments.

EXTENDS SIMULTANEOUS OPERATION OF SEVERAL MACHINE TOOLS -- Moscow, Moskovskaya Pravda, 17 Aug 50

For several quarters, the Moscow First Watch Plant imeni S. M. Kirov has won first place in the All-Union socialist competition and has retained the Transferable Red Banner of the Council of Ministers USSR.

Many Stakhanovites are simultaneously operating several machine tools. Machine tool operators in the automatic machine tool shop usually work on four automatics at the same time. Some workers operate as many as eight. The practice of simultaneous operation of several machines by one worker is being extended to other shops.

Recently, plant workers took over for socialist maintenance 200 more machine tools. Soon more than half the machine tools will be on socialist maintenance (i.e., serviced by the operator himself).

TBILISI THEATER PROVIDES SOUND EQUIPMENT FOR DEAF -- Tbilisi, Zarya Vostoka, 22 Aug 50

A special attachment, proposed by Engineer G. Narsesov, has been adopted for use at the Tbilisi Theater. It is a simple, original, and practicable device which enables deaf persons to hear all music and sounds, even whispers, which come from the sound track of movie films.

Special seats, provided with the necessary sound equipment, are set apart in the theater, each of them connected directly with a sound amplifier in the control room. The hearing attachment is issued to the buyer by the cashier, along with a ticket for the sound-equipped seat. When the person takes his seat, he switches in the bone vibrator, and, by means of a regulator, tunes in the volume of sound necessary.

The experience of the Tbilisi Theater has shown the hearing apparatus to be very effective. The Ministry of Cinematography Georgian SSR and the Administration of the Film Industry of Georgia have decided to put the new equipment

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into wide use, but time has passed, and no further experimental work has been done. A way should be found for quickly providing movie theaters with this sound device, which would be of benefit to so many people. It could also be adapted for use at the opera, in dramatic theaters, and in concert halls.

DEVELOP LITHUANIAN FILM INDUSTRY -- Vil'nyus, Sovetskaya Litva, 25 Aug 50

Cinematography, only recently developed in Lithuania, is receiving a great deal of direct help from the film industries of the other Soviet republics. For this reason, the technical base of Lithuanian cinematography is continuously being strengthened.

The Lithuanian Documentary Film Studio recently acquired an SPM-2 washing apparatus produced by the Leningrad Kinap Plant. This improved machine greatly lightens labor-consuming operations and improves the quality of film processing. Assembly of the camera equipment is being directed by the chief mechanic of the Mosfilm Studio.

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